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# A SYSTEM AND METHOD FOR USING DYNAMIC WEB COMPONENTS TO REMOTELY CONTROL THE SECURITY STATE OF WEB PAGES

10                          **ABSTRACT OF THE INVENTION**

The present invention involves a new system and process for automatically controlling whether a displayed web page and associated frames displayed within a window of a web browser are secure or non-secure.  For

15      example, whether the displayed web page and associated frames are provided via a secure socket layer (SSL), i.e. a web page from an HTTPS address (secure), or simply via an HTTP address (non-secure), respectively.  Specifically, the present invention uses a dynamic "Web Component" to remotely control web page security states.  Further, the Web Component according to the present

20      invention uses the same script and HTML for all implementations or instantiations of the Web Component, regardless of which, or how many, unique local clients make use of the Web Component.  This code reuse is accomplished by using entry web pages, or "entry points," as described in further detail below, to set the value of function properties or parameters of the Web Component for

25      dynamically and controlling the security state of a web page having at least two frames.  The script and/or HTML source code of the Web Component pages does not change based on each new implementation or instantiation. Consequently, little setup work is required for each implementation, and only a basic verification test pass is needed for each unique automatically customized

30      Internet web page.